

Green Affordable Housing

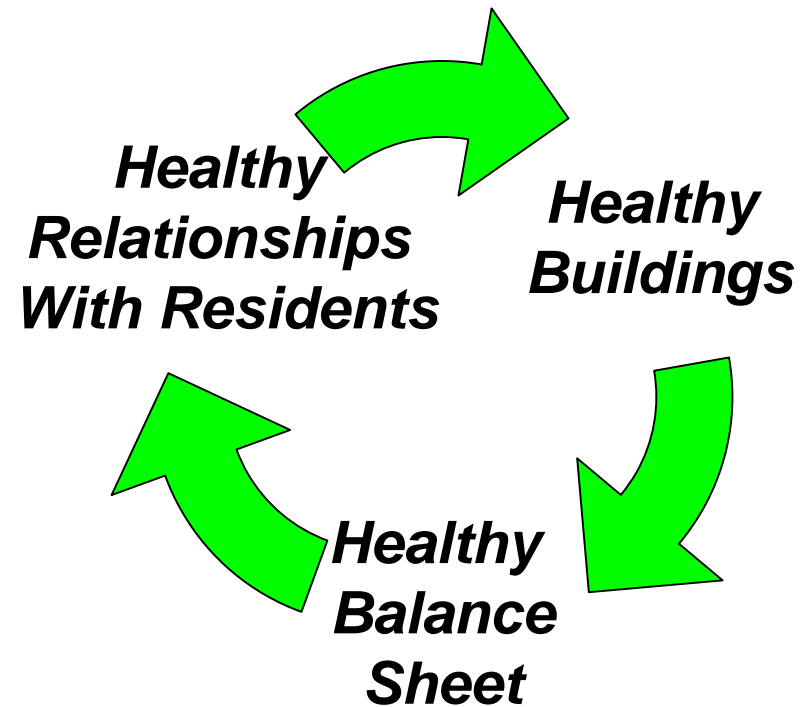
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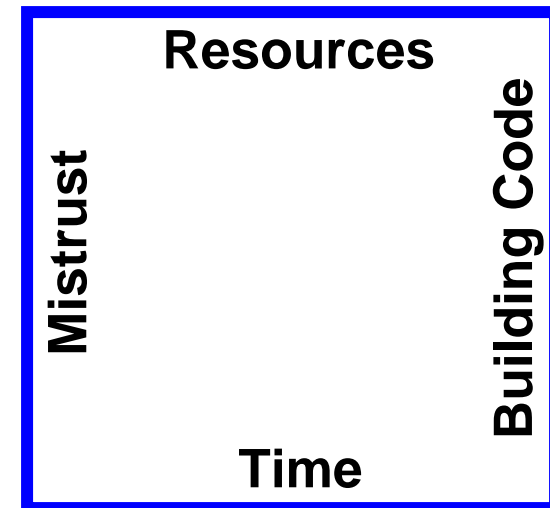
December 12, 2008

- Goals

Build and sustain:

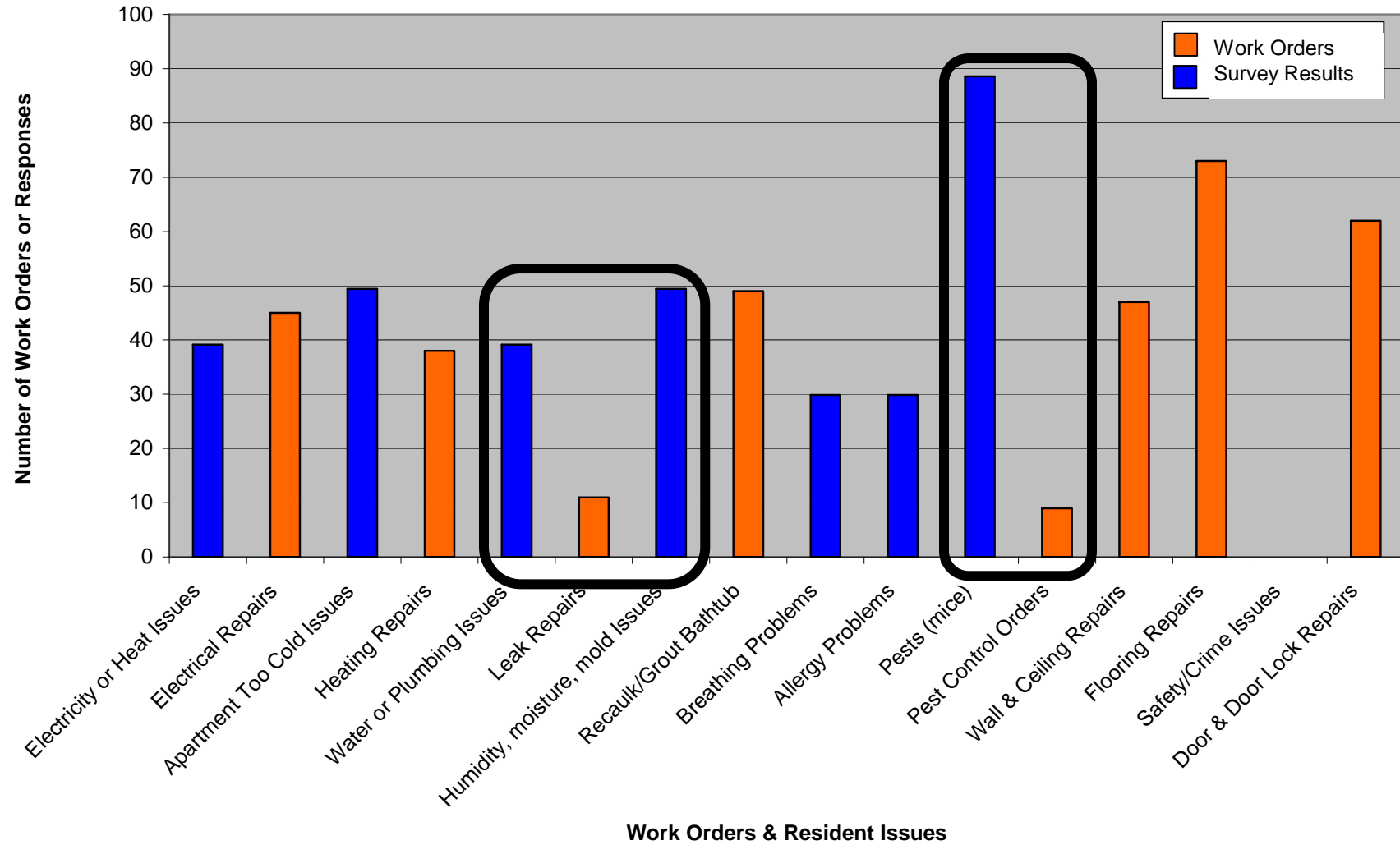


- Constraints



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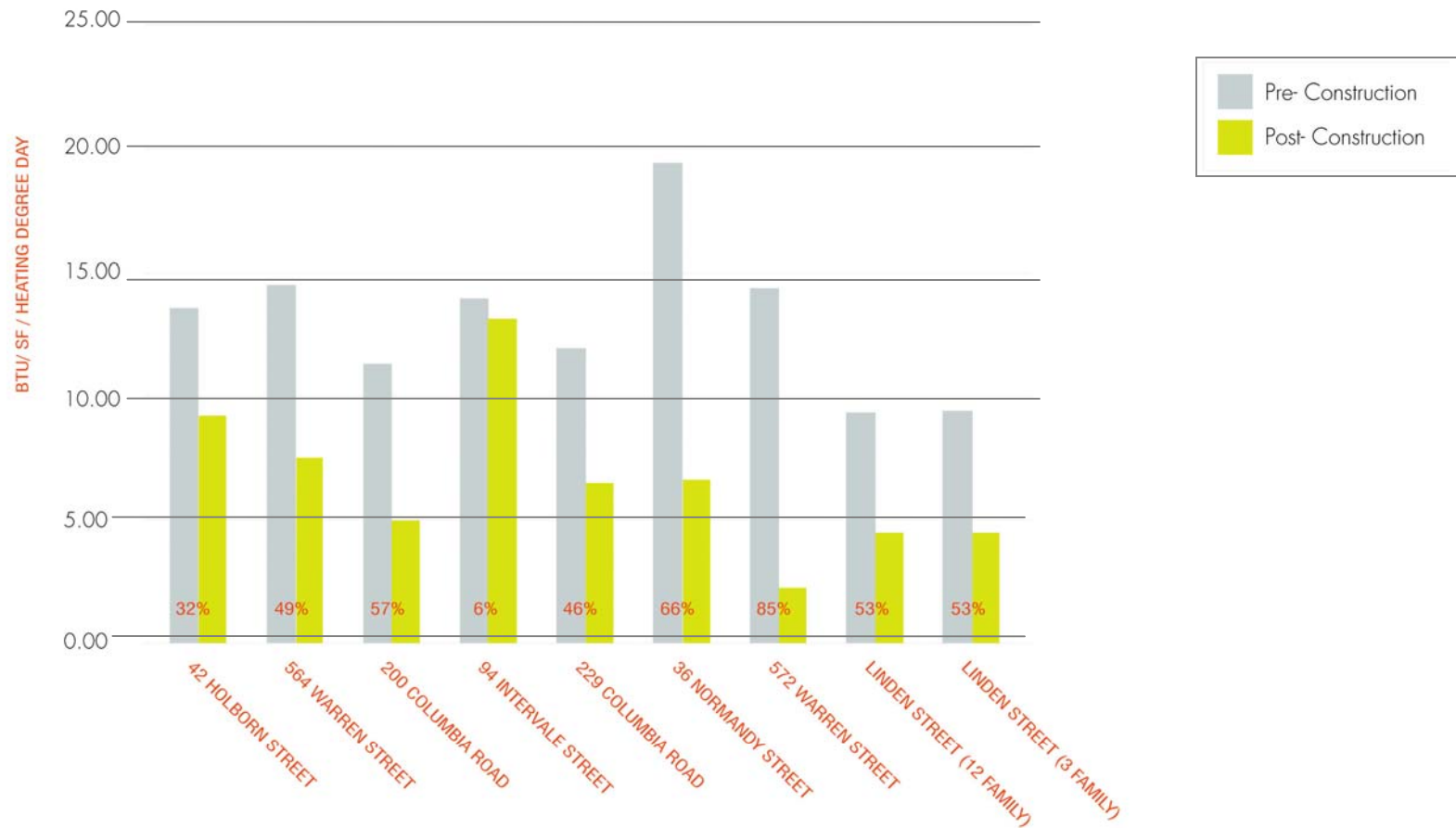
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	42 HOLBORN ST.	264 WARREN ST.	200 COLUMBIA RD.	94 INTERVALE ST.	229 COLUMBIA RD.
<i>Therms/ Year</i>	6,500	5,896	8,593	4,515	6,284
<i>BTUs/ Year</i>	650,000,000	589,600,000	859,300,000	451,500,000	628,400,000
<i>Square Footage</i>	8083	10067	16253	4482	11921
<i>Daily DHW (BTUs)</i>	689,130	552,174	1,127,174	401,087	633,696
<i>Total DHW (BTUs)</i>	251,532,609	201,543,478	411,418,478	146,396,739	231,298,913
<i>Total Heating</i>	398,467,391	388,056,522	447,881,522	305,103,261	397,101,087
<i>BTU/ sf</i>	49297	38547	27557	68073	33311
<i>Pre-Construction BTU/ sf/ HDD</i>	13.50	14.42	11.22	13.88	11.86
<i>Post-Construction BTU/ sf/ HDD</i>	9.14	7.40	4.87	13.06	6.39
% FUEL SAVINGS	32%	49%	57%	6%	46%

	36 NORMANDY ST.	572 WARREN ST.	LINDEN ST. (12-FAM)	LINDEN ST. (3-FAM)
<i>Therms/ Year</i>	4,293	7,442	5,684	1,875
<i>BTUs/ Year</i>	429,300,000	583,700,000	568,400,000	187,500,000
<i>Square Footage</i>	7473	18580	13,140	4,530
<i>Daily DHW (BTUs)</i>	455,435	918,478	611,233	185,479
<i>Total DHW (BTUs)</i>	166,233,696	335,244,565	233,100,045	67,699,835
<i>Total Heating</i>	263,066,304	248,455,435	345,299,955	119,800,165
<i>BTU/ sf</i>	35202	13372	26,279	26,446
<i>Pre-Construction BTU/ sf/ HDD</i>	19.36	14.28	9.28	9.32
<i>Post-Construction BTU/ sf/ HDD</i>	6.53	2.12	4.36	4.38
% FUEL SAVINGS	66%	85%	53%	53%

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Gut-renovation of apartment buildings that received new insulation, air sealing, windows, ventilation, and heat/hot water systems.

New wood frame apartment buildings that were built using practical, proven technology, combined with rigorous design, engineering, and construction quality control.

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Conflicting
Opinions

Expenses

Codes/
Regulations

Aversion to Risk



User &
Maintenance
Staff
Unfamiliarity

